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FORM PTO-1082

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Junichi KARASAWA and Kunio WATANABE both of Nagano-ken, Japan.

Serial No: Not assigned

Filed: February 8, 2002

For:

SEMICONDUCTOR DEVICE, MEMORY SYSTEM AND ELECTRONIC APPARATUS

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

## CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.  
☒ 16 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.☒ 39 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.An assignment of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.An associate power of attorney ☐ is enclosed ☐ will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney ☐ is enclosed ☒ will follow.

A certified copies of Japanese Patent Application Nos. 2001-088309 filed March 26, 2001 and 2001-330785 filed October 29, 2001 from which priority is claimed under 35 U.S.C. § 119 will follow.

IDS enclosed (☐ with reference(s)).

Preliminary Amendment is enclosed.

Application data sheet is enclosed. See 37 CFR 1.76.

☒ Return postcard is enclosed.

		CALCULATION OF FEES			LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG=\$18 SM=\$9	\$18	504	
A	TOTAL CLAIMS FEE	48	-20	28	LG=\$84 SM=\$42	\$84	0	504
B	INDEPENDENT CLAIMS FEE*	2	-3	0				
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							504
D	MULTIPLE-DEPENDENT CLAIMS FEE							
E	BASIC FEE							
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							
G	ASSIGNMENT RECORDING FEE							
	*LIST INDEPENDENT CLAIMS 1 and 16.							
	LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140							\$ 280
	LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370							\$ 740
								\$ 1524
								\$ 40
								\$ 40

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.☐ Any additional filing fees required under 37 C.F.R. 1.16☐ Any patent application processing fees under 37 C.F.R. 1.17Respectfully submitted,  
HOGAN & PARTS ON LLP

By:

Anthony J. Orler

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Attorney for Applicant(s)

Date: February 8, 2002

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Junichi KARASAWA et al.

Serial No: Not assigned

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Art Unit: Not assigned

Examiner: Not assigned

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Washington, D.C. 20231

Dear Sir:

I hereby certify that

☒ two copies of a letter of transmittal

☒ patent application ( 39 page(s) of specification; 48 claim(s); 1 page(s) of abstract

☒ 16 sheet(s) of formal drawings

☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"  
service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: February 8, 2002

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Emily Cruz  
Name of person mailing papers

Signature